College of Aerospace Doctrine, Research, and Education

Operationalizing IO

IW-250

INFORMATION WARFARE

IO Support and Integration for Warfighters

USSTRATCOM

USJFCOM

COMACC

8AF/CC

JIOC/CC

AIA/CC

Joint IO Planning and Support

8AF CD-IO

AFIWC

NAIC

67 IOW

70 IW

AFTAC*
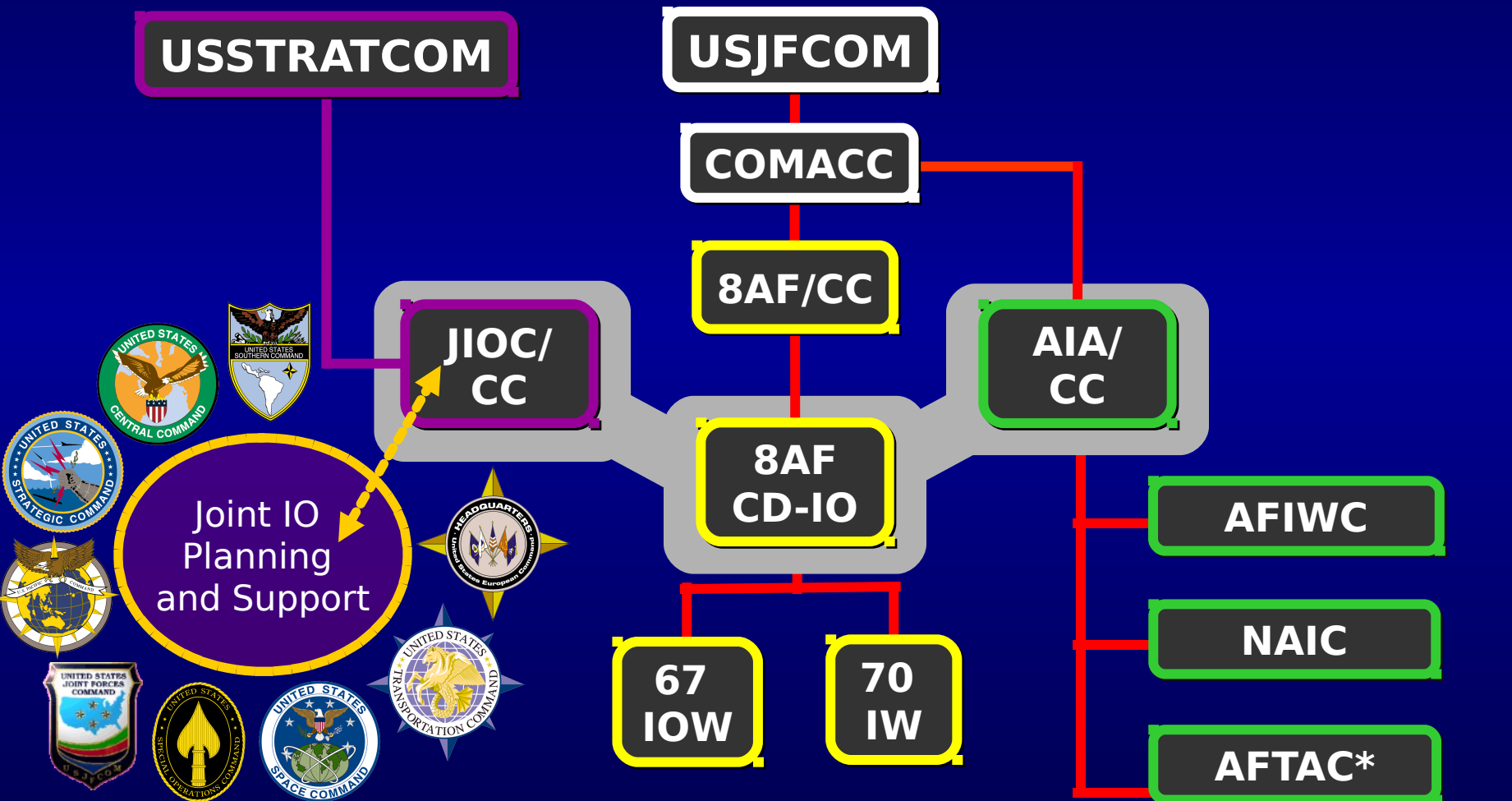
* Administratively Supported

IW Flight

- **MISSION: Provide full OCI/DCI planning capability to the NAF**

Flight Chief / Deputy

OCI Officer

DCI Officer

EW Planner

IA Planners

Deception Planner

OPSEC Planner

Special IO Planner

Counterdeception Planner

PSYOP Planner

Counterintelligence Planner

Space Planner

NOSC-Defense Planner (A6)

SIGINT, ELINT, MASINT HUMINT Specialists

Counterintelligence Analysts

26-29 Personnel

The IO NAFs & MAJCOMs
Supporting Information Warfare (IW) Flights

14 AF	12 AF	AMC	8 AF	AFSOC	9 AF
IW FLIGHT	IW FLIGHT	IW FLIGHT	IW FLIGHT	IW FLIGHT	IW FLIGHT

PACAF
IW FLIGHT

USAFE
IW FLIGHT

7 AF
IW FLIGHT

1 AF
IW FLIGHT

67 IOW   **70 IW**   **NAIC**   **AFIWC**   **AFTAC***
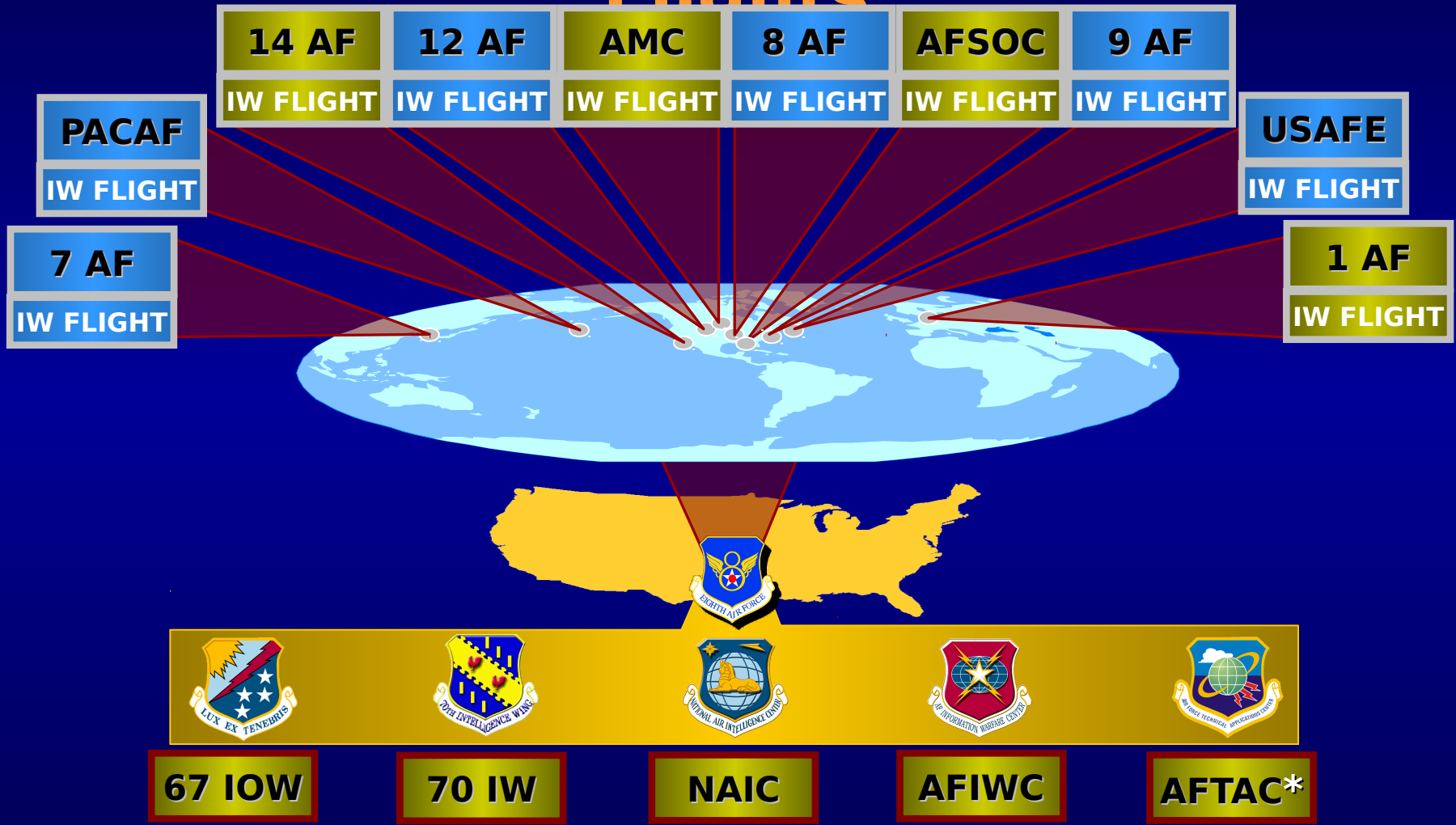
8 AF: Providing Reachback for Worldwide IW Flights

*Administratively Support

# The IO Numbered Air Force
Supporting Information Warfare Flights

14 AF	12 AF	AMC	8 AF	AFSOC	9 AF
IW FLIGHT	IW FLIGHT	IW FLIGHT	IW FLIGHT	IW FLIGHT	IW FLIGHT

PACAF
IW FLIGHT

1 AF
IW FLIGHT

7 AF
IW FLIGHT

IW FLIGHT

Electronic Warfare
Special Information
Operations
PSYOP
OPSEC
Military Deception
Counter Intel
Intelligence
Network Defense

NAF/CC

A-2　　**A-3/5**　　**A-6**

Flight CC

IW FLIGHT

NOSC-Trained Planners

NOSC-D
Info Assurance

AIA AUGMENTATION UTC

MAJCOM Assets
AIA Assets
AIA Deployed Assets

8 AF: Providing Reachback Support for Worldwide IW Flights

National Organizations

Joint Organizations

JCS

USSTRATCOM

JIOC

ASDC3I

Defense Visual Information
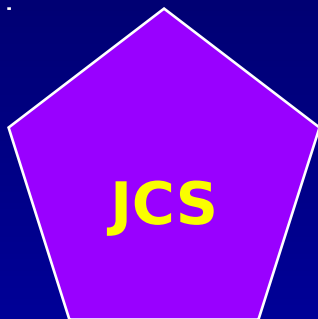
DISA

USSTRATCOM JTF-CNO

- **Assigned CND mission - Oct 99**
  - **Coordinate joint, combined, civil, and commercial efforts to protect/defend computer networks vital to national security**

- **Assumed CNA mission - Oct 00**
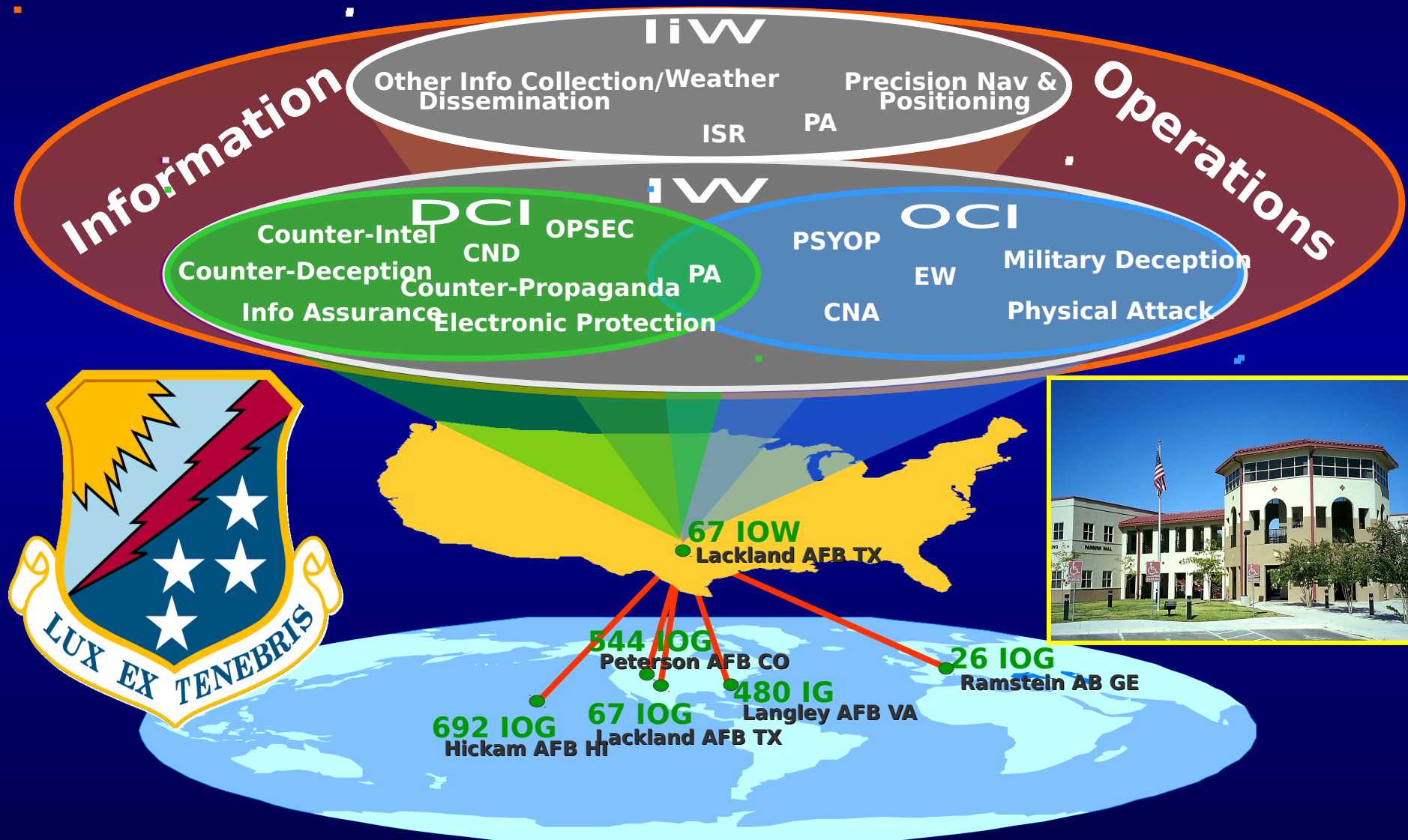 - **Synchronized joint operations to gain and exploit information superiority and denial of adversary ability to do the same**
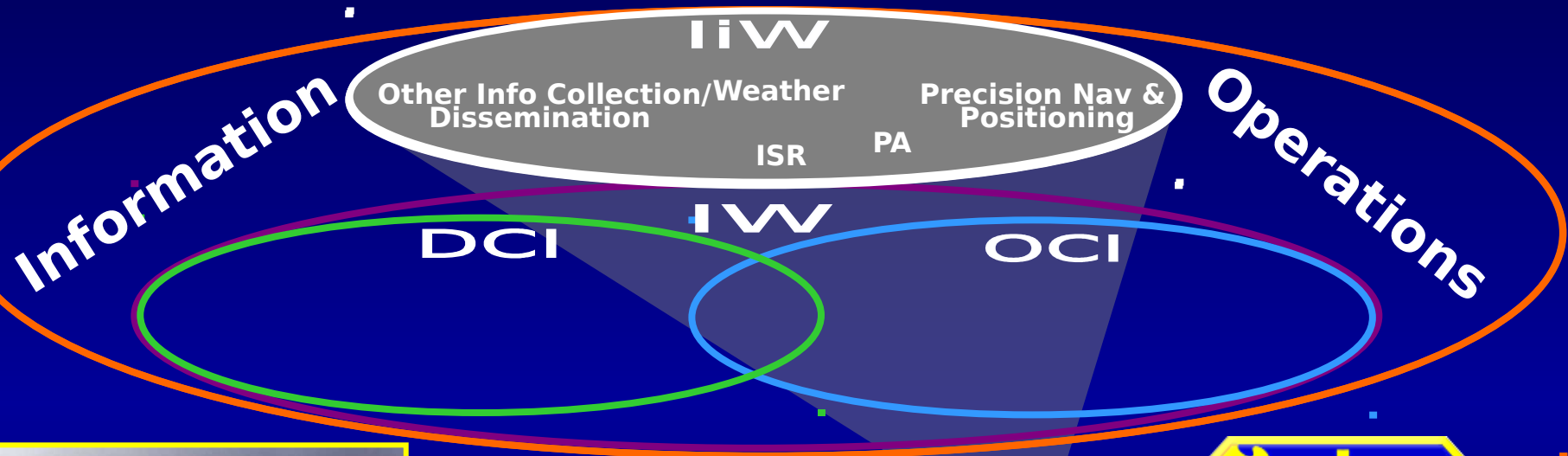
JTF-CNO CONOPS being developed

Air Force Organizations
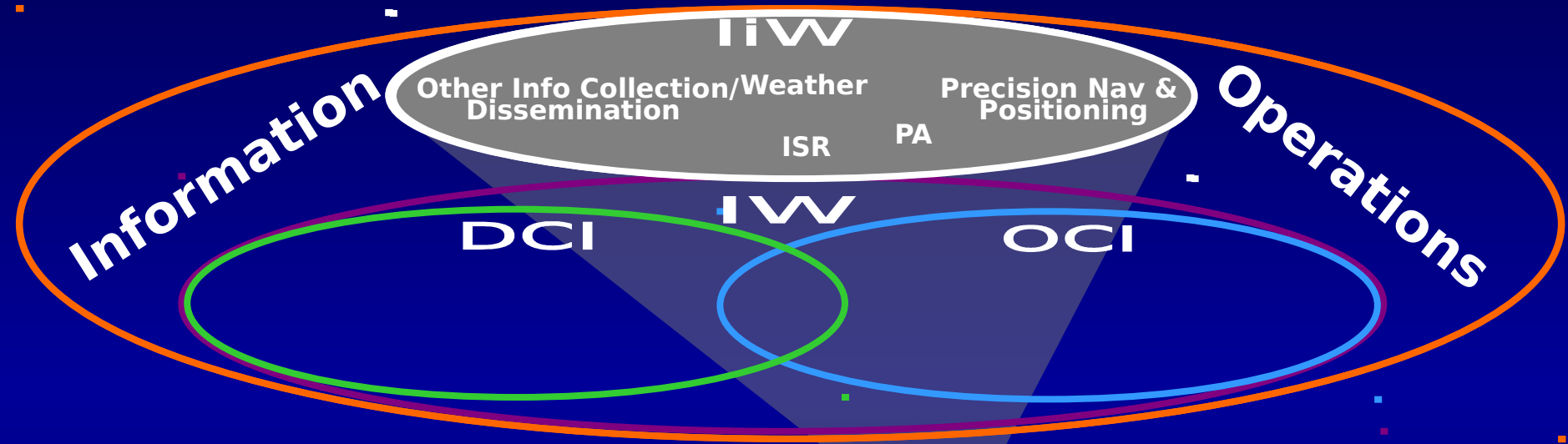
67th Info Ops Wing

70th Intel Wing

National Air Intelligence Center

F Information Warfare Center

IiW

Information

Operations

IW

DCI

Counter-Intel
Counter-Deception
Info Assurance
CND
OPSEC
Counter-Propaganda
Electronic Protection
PA

OCI

PSYOP
EW
Military Deception
CNA
Physical Attack

AFIWC
Lackland AFB TX

318 IOG
IW Battlelab
Lackland AFB

AF INFORMATION WARFARE CENTER
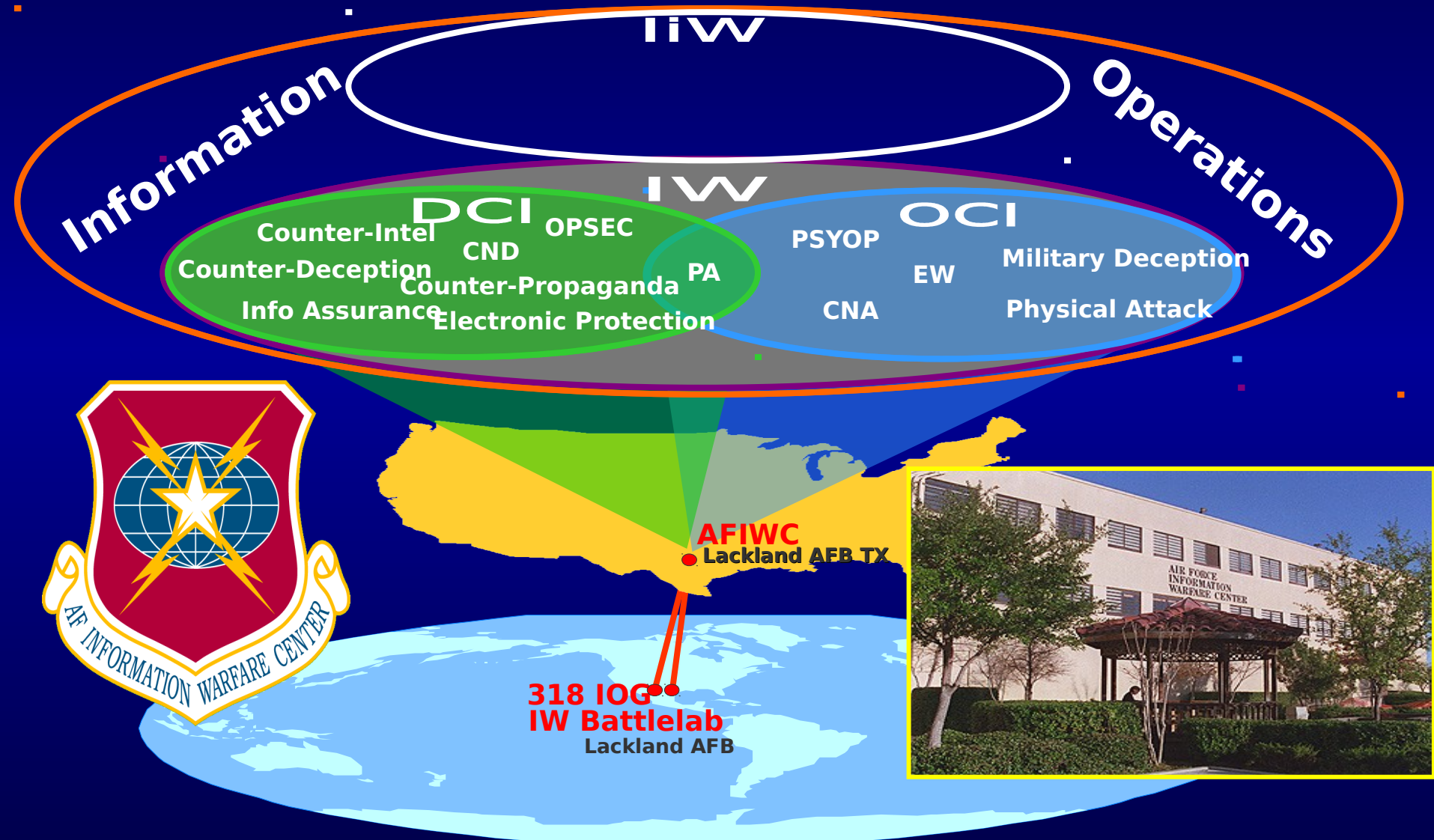
US Navy

FIWC

- **Tactics and Doctrine Development**

- **Operational Planning and IO Integration**

- **CND and EW Support**

- **Wargaming, Exercises**

SPAWAR

- **Integrated information systems**

- **IW Council**

US Army

Exploit & Attack Info Systems

IO Combat Division

Red Teaming

ACERT

Battle Field Deception

IO Support Teams

Sensor to Shooter

INFORMATION WARFARE
LAND
ACTIVITY

The United States Army 1st Information Operations Command

Air Force IO Status

Air Force Information Operations have come a long way in a short period of time.

AF IO investment is significant, and we are getting good return on investment, but...

Our IO efforts are not well-integrated -- there may be duplication and inefficiency...

Solid IO integration can help us achieve and maintain Information Superiority.